

I CLAIM:

1. A hinge device adapted to connect a door panel to a door frame, comprising:

5 a frame bracket adapted to be secured to the door frame;

a door bracket adapted to be secured to the door panel;

10 spaced apart first and second links, each of which is pivoted to said frame bracket and said door bracket so as to permit pivoting movement of the door panel together with said first and second links relative to the door frame, said second link having a pivot end that is pivoted to said frame bracket and being formed with a lever member that protrudes
15 from said pivot end;

an urging member for urging the door panel to move from an opened position toward a closed position relative to the door frame;

20 a damping member adapted to be secured to the door frame and connected movably to said second link so as to damp pivoting movement of the door panel relative to the door frame, said damping member including a hydraulic cylinder that has a cylinder body secured to said frame bracket, and a piston rod
25 extending movably into said cylinder body; and

a first transmission link that is pivoted to said lever member and said piston rod of said damping

member so as to connect said second link to said damping member, said first transmission link and said lever member defining cooperatively an angle of less than 180 degrees therebetween.

5 2. The hinge device of Claim 1, further comprising two pivot pins, said first link being pivoted to said frame bracket through one of said pivot pins, said first transmission link being pivoted to said lever member through the other of said pivot pins, the
10 other of said pivot pins cooperating with said pivot end of said second link to define a gap therebetween, said urging member including a torsion spring sleeved around said one of said pivot pins and having a first end that is secured to said first link, and
15 a second end that extends into and that is limited within said gap so as to permit movement of said first end of said torsion spring relative to said second end of said torsion spring upon pivoting movement of the door panel relative to the door
20 frame.

3. The hinge device of Claim 1, further comprising a second transmission link that is pivoted to said frame bracket, said first transmission link, and said damping member.